

**May 19, 2011**

**Texas Water Development Board  
PO Box 13231  
Austin, TX 78711-3231**

**As Administrator Groundwater Management Area 4, I am proud to announce that the District Committee Members of GMA 4 have formally adopted a new Desired Future Condition for the Edwards Trinity Aquifer in Brewster County. Please find enclosed record of the meeting notice postings, minutes of the meetings, and Resolution R 2011-01 with signatures of the District Committee Members present, and record of their unanimous vote.**

**If there is any additional information that needs to be submitted, I can be contacted at: Jeff Davis County Underground Water Conservation District, P O Box 1203, Fort Davis, Texas 79734. Phone 432-426-3441. Cell 432-249-0340.**

**Respectfully,**

A handwritten signature in black ink, appearing to read 'Janet Adams', written over a horizontal line.

**Janet Adams  
General Manager  
Jeff Davis County Underground Water Conservation District**

**RESOLUTION No. R 2011-01**

**RESOLUTION FOR THE ADOPTION OF THE DESIRED FUTURE  
CONDITIONS OF THE AQUIFERS IN GROUNDWATER MANAGEMENT  
AREA 4**

**WHEREAS;** GROUNDWATER MANAGEMENT AREA (GMA) 4 IS COMPRISED OF DELEGATES FROM THE FOLLOWING GROUNDWATER CONSERVATION DISTRICTS LOCATED WHOLLY OR PARTIALLY WITHIN GMA 4: BREWSTER COUNTY GCD, CULBERSON COUNTY GCD, HUDSPETH COUNTY UWCD NO 1, JEFF DAVIS COUNTY UWCD, PRESIDIO COUNTY UWCD;

**WHEREAS;** CHAPTER 36.108 OF THE TEXAS WATER CODE, JOINT PLANNING IN MANAGEMENT AREA, REQUIRES THAT THE GROUNDWATER CONSERVATION DISTRICTS IN THE GMA ADOPT DESIRED FUTURE CONDITIONS OF ALL RELEVANT AQUIFERS IN THE GMA FOR THE NEXT FIFTY YEAR HORIZON, NO LATER THAN SEPTEMBER 1, 2010;

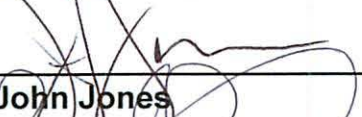
**WHEREAS;** THE COMMITTEE MEMBERS OF GMA 4 HAVE HELD PUBLIC MEETINGS NOTICED AND POSTED IN ACCORDANCE WITH STATE LAW, AND HAVE REVIEWED AND DISCUSSED GROUNDWATER AVAILABILITY MODEL (GAM) RUNS WITH INPUT AND COMMENT FROM STAKEHOLDERS WITHIN GMA 4;

**WHEREAS;** IN REFERENCE TO AN EMAIL DATED NOVEMBER 15, 2010 FROM Dr. BILL HUTCHISON TO CONRAD ARRIOLA AND JANET ADAMS REGARDING THE EDWARDS-TRINITY (PLATEAU) DESIRED FUTURE CONDITION IN BREWSTER COUNTY. IN BREWSTER COUNTY, DRAWDOWN IN 2060 WOULD BE 3 FEET IF THE STARTING POINT FOR THE DRAWDOWN WAS IN 2005. PUMPING WOULD BE 1,394 ACRE FEET/YEAR FOR THE AQUIFER.

**NOW, THEREFORE, BE IT RESOLVED THAT,** THE DISTRICT MEMBERS OF GROUNDWATER MANAGEMENT AREA 4, ADOPT FOR BREWSTER COUNTY GCD 3 FOOT DRAWDOWN FOR THE EDWARDS-TRINITY AQUIFER.

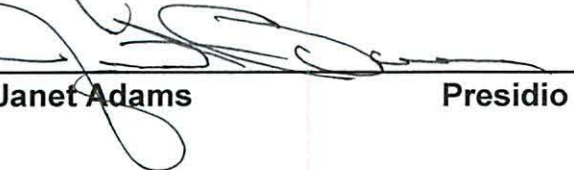
AND IT IS SO ORDERED AND PASSED THIS 19th DAY OF MAY 2011.

SIGNED   
Conrad Arriola Brewster County GCD

SIGNED   
John Jones Culberson County GCD

SIGNED   
Randy Barker Hudspeth County UWCD No 1

SIGNED   
Janet Adams Jeff Davis County UWCD

SIGNED   
Janet Adams Presidio County UWCD

## Edwards-Trinity (Plateau) DFC in Brewster County

From: **Bill Hutchison** (Bill.Hutchison@twdb.state.tx.us)

Sent: Mon 11/15/10 9:35 AM

To: 'Conrad Arriola' (conradarriola@hotmail.com); Janet Adams (janet0340@yahoo.com)

1 attachment

Drawdown\_Brewster.PDF (78.2 KB)

Conrad and Janet,

The DFC for the Edwards-Trinity (Plateau) Aquifer in Brewster County was set at zero drawdown, and it was requested that we use the results for the new groundwater model to set the MAG. At the Brewster County GCD meeting on August 12, I presented the results of the model and showed that the drawdown from the scenario that GMA 7 adopted (Scenario 10) was about 1 foot for Brewster County.

The attached graphs demonstrate that a zero drawdown is not possible for Brewster County, even under zero pumping in Brewster County. Note that there are three graphs for three different "starting points" to calculate drawdown (2005, 2008 and 2010). Also note that each of these present four pumping scenarios in Brewster County (zero drawdown, 2005 pumping and "Scenario 10" pumping). 2005 pumping in Brewster County is 1,000 AF/yr, and "Scenario 10" pumping is 1,394 AF/yr.

If pumping were 1,000 AF/yr in Brewster County, drawdown in 2060 would be about 2.8 feet if the starting point for the drawdown was 2005. If the starting point for the drawdown calculation was 2008, drawdown in 2060 would be about 1.3 feet. If the starting point was 2010, drawdown would be about 0.9 feet.

If pumping were 1,394 AF/yr in Brewster County, Drawdown in 2060 would be about 2.9 feet if the starting point for the drawdown was 2005. If the starting point for the drawdown calculation was 2008, drawdown in 2060 would be about 1.3 feet. If the starting point was 2010, drawdown would be about 0.9 feet.

Please advise on how you would like to proceed.

Bill

## **Groundwater Management Area # 4** **Joint Planning Meeting**

As required by section 36.108(e), Texas Water Code, a meeting of the Groundwater Management Area Joint Planning Group, comprised of delegates from the following groundwater conservation districts located wholly or partially within Groundwater Management Area #4: Brewster County GCD, Jeff Davis UWCD, Culberson County GCD, Hudspeth County UWCD #1, and Presidio County UWCD will be held on Thursday, May 19, 2011 at 1:00 p.m. (CST) in the Culberson County Groundwater Conservation District Office, 1300 W. Broadway, Van Horn, TX,

### **MINUTES**

#### **1. Introduction of Member Districts:**

#### **2. Introduction of Member Districts**

**Hudspeth County UWCD #1 – Randy Barker and Talley Davis**

**Culberson County GCD – John Jones**

**Brewster County GCD – Conrad Arriola**

**Jeff Davis County UWCD – Janet Adams**

**Presidio County UWCD – Janet Adams**

Others Present: Dr. Jim Duke

#### **3. Update by Dr. Bill Hutchison, Texas Water Development Board**

Dr. Bill Hutchison updated the Board and the current financial situation regarding the Texas Water Development Board. He told the members of GMA #4 that departmental cuts were going to be made in TWDB's Groundwater Division.

He also told the Board that the TWDB will be updating the Presidio-Redford Bolson, Marathon, Capitan Reef, and the Bones Spring Victoria Peak aquifers GAMs. He told the Board he would like to have a stakeholders meeting in the summer to get information from the public and the Districts within GMA #4.

#### **4. Adoption of non-relevant aquifers within Groundwater Management Area #4**

No Discussion and No action was taken.

#### **5. Adoption of Desired Future Conditions for the Edwards Trinity Aquifer for Brewster County within Groundwater Management Area #4 and Resolution No. 2011-01**

Conrad Arriola told the Board that Brewster Co. GCD decided on a 3 ft. (DFC) drawdown for the Edwards Trinity (Plateau) aquifer. Janet Adams moved to accept the DFC for Brewster County and John Jones seconded the motion. The motion was unanimously adopted.

**6. Desired Future Conditions/ Discuss Exempt Use**

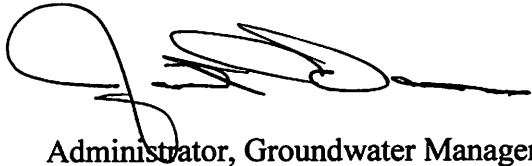
Dr. Bill Hutchison updated GMA #4 on exempt use regarding their MAGs. He told GMA #4 that eight reports were finished and he needs to finish the Edwards-Trinity report for Brewster County. He told everyone that he still needs an answer from Culberson and Hudspeth GCDs regarding their exempt use.

**7. Public Comment**

No public comment.

**8. Adjourn**

The meeting adjourned at 1:43 p.m.

A handwritten signature in black ink, consisting of a large loop on the left and several horizontal strokes extending to the right.

Administrator, Groundwater Management Area #

**NOTICE OF MEETING**

**Groundwater Management Area #4**  
**Joint Planning Meeting**

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At this meeting, the following business may be considered and recommended for Joint Planning Group action:

1. Call to Order
2. Introduction of member Districts and guests
3. Update by Dr. Bill Hutchison
4. Adoption of additional non-relevant aquifers within Groundwater Management Area 4.
5. Adoption of Desired Future Conditions for the Edwards Trinity Aquifer for Brewster County within Groundwater Management Area 4 and Resolution No 2011-01.
6. Desired Future Conditions/ Discuss exempt use
7. Public comment.
8. Adjournment.

*Handwritten signature*  
5-14-2011

**POSTED**  
5-16-11  
*Handwritten initials*

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- 1. Adoption of Minutes/ Discussion and appropriate action

*Handy's Bauler*

5-14-2011

**POSTED**  
5-16-11



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8. Adjournment.

**FILED**  
At 8:40 o'clock 4 M  
Date 5/16/2011  
*Berta Pios-Martinez*  
BERTA PIOS-MARTINEZ  
County Clerk, Brewster County, TX  
By \_\_\_\_\_ Deputy

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Date 5/16/2011  
Berta Ros-Martinez  
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County Clerk, Brewster County, TX  
By \_\_\_\_\_ Deputy

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8. Adjournment.

*original was*  
Filed this 13 day of  
May A.D. 2011  
at 4:30 o'clock P.M.  
Brian T. D. Smith  
County Clerk  
By Laura Sample  
Deputy

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*original used*  
Filed this 13 day of  
May A.D. 2011  
at 4:30 o'clock P.M.  
Kim M. [Signature]  
County Clerk  
By [Signature]  
Deputy

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FILED FOR RECORD at 10:30 A.M.

MAY 16 2011

*Virginia L. DeLong*  
COUNTY CLK PRESIDIO CO.

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FILED FOR RECORD at 10:30 A.M.

MAY 16 2011

*Theresa Padgett*  
COUNTY CLERK PRESIDIO CO.

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Groundwater Management Area # 4  
Joint Planning Meeting

AT	10:30	FILED	O'CLOCK	A	M
<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: fit-content;"><p style="text-align: center; color: red; margin: 0;">MAY 16 2011</p><p style="text-align: center; color: blue; font-family: cursive; margin: 0;"><i>Sue Blackley</i></p><p style="text-align: center; font-size: small; margin: 0;">SUE BLACKLEY CLERK OF COUNTY COURT JEFF DAVIS COUNTY, TEXAS</p></div>					
BY					DEPUTY

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Groundwater Management Area # 4  
Joint Planning Meeting

FILED  
AT 10:30 O'CLOCK 4 M

MAY 16 2011  
*Sue Blackley*  
SUE BLACKLEY  
CLERK OF COUNTY COURT  
JEFF DAVIS COUNTY, TEXAS

BY \_\_\_\_\_ DEPUTY

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